



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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BRUCE RAUNER, GOVERNOR

ALEC MESSINA, ACTING DIRECTOR

(217) 524-1663

October 21, 2018

Mike Ribordy
Chief, Emergency Response Section 2
Emergency Response Branch 2
U.S. EPA, Region 5
77 West Jackson Boulevard, SE-5J
Chicago, IL 60604

Re: Dixon Iron and Metal - Dixon
LPC# 1030205178 – Lee County
SF/Tech

Dear Mr. Ribordy:

I am requesting the Region 5 Offices of the United States Environmental Protection Agency (U.S. EPA) assign an On-Scene Coordinator to consider a possible time-critical removal action at the Dixon Iron and Metal site located in Dixon, Lee County, Illinois.

Dixon Iron and Metal (DIMCO) is located at 78 Monroe Avenue in Dixon, Illinois (see attached map). The property consists of three (3) irregularly shaped parcels of land encompassing 3.18 acres located at 78 Monroe Avenue. The property boundaries include the Rock River to the north, former railroad tracks to the west, residences and businesses to the south and businesses to the east. At least eight residential properties are located between 200 – 300 feet to the south and southwest. The property is partially fenced and there is evidence of trespassing. The property is currently owned by a private entity.

DIMCO operated as a scrap metal recycler from the 1940's until 2018. The property contains seven buildings and they are in various stages of disrepair. In one of the buildings, an unknown number of drums were found. Since that building appears to be deteriorating, the contents of these drums were not sampled.

In May, June, and July 2018, Illinois EPA conducted sampling activities as part of a Brownfield Redevelopment Assessment at the DIMCO site. During these inspections, a total of 54 soil borings were completed as well as the installation of five groundwater-monitoring wells. From the soil borings a total of 105 samples were collected for laboratory analysis. Analytical results indicate that shallow soils throughout the property are impacted with significant concentrations

of SVOC's, metals (antimony, arsenic, chromium, lead, mercury, and selenium), and PCB's. Levels of PCB's in the soil were detected at 7310 ppm. A copy of the analytical results and a summary of the PCB results are attached to this referral.

A significant amount of data has already been collected as part of previous investigations on the DIMCO site that indicates that Removal Management Levels have been exceeded. Access to the property remains somewhat restricted, however many hazards are present. In addition to the contaminated soil there also remains a risk due to the presence of several drums within a dilapidated building on the property. For those reasons, Illinois EPA would like U.S. EPA to consider a time-critical removal action.

Please have your On-Scene Coordinator contact me at the above number or Lance Range at 217-524-1661. Thank you for your continued support and we look forward to hearing from U.S. EPA about this project and on future removal activities.

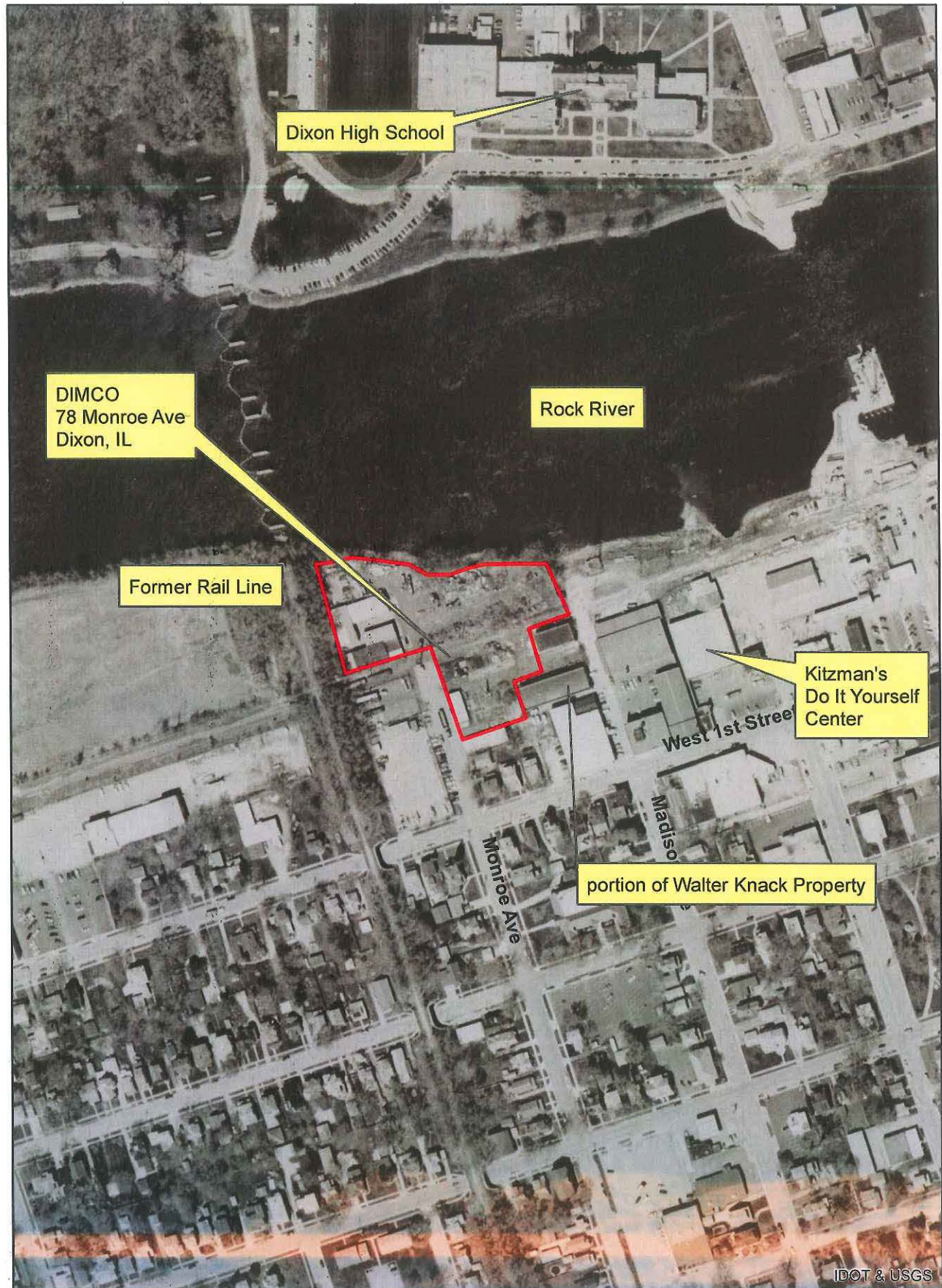
Sincerely,

A handwritten signature in dark ink, appearing to read "Bruce Everett", with a stylized flourish at the end.

Bruce Everetts
Office of Site Evaluation
Division of Remediation Management
Bureau of Land

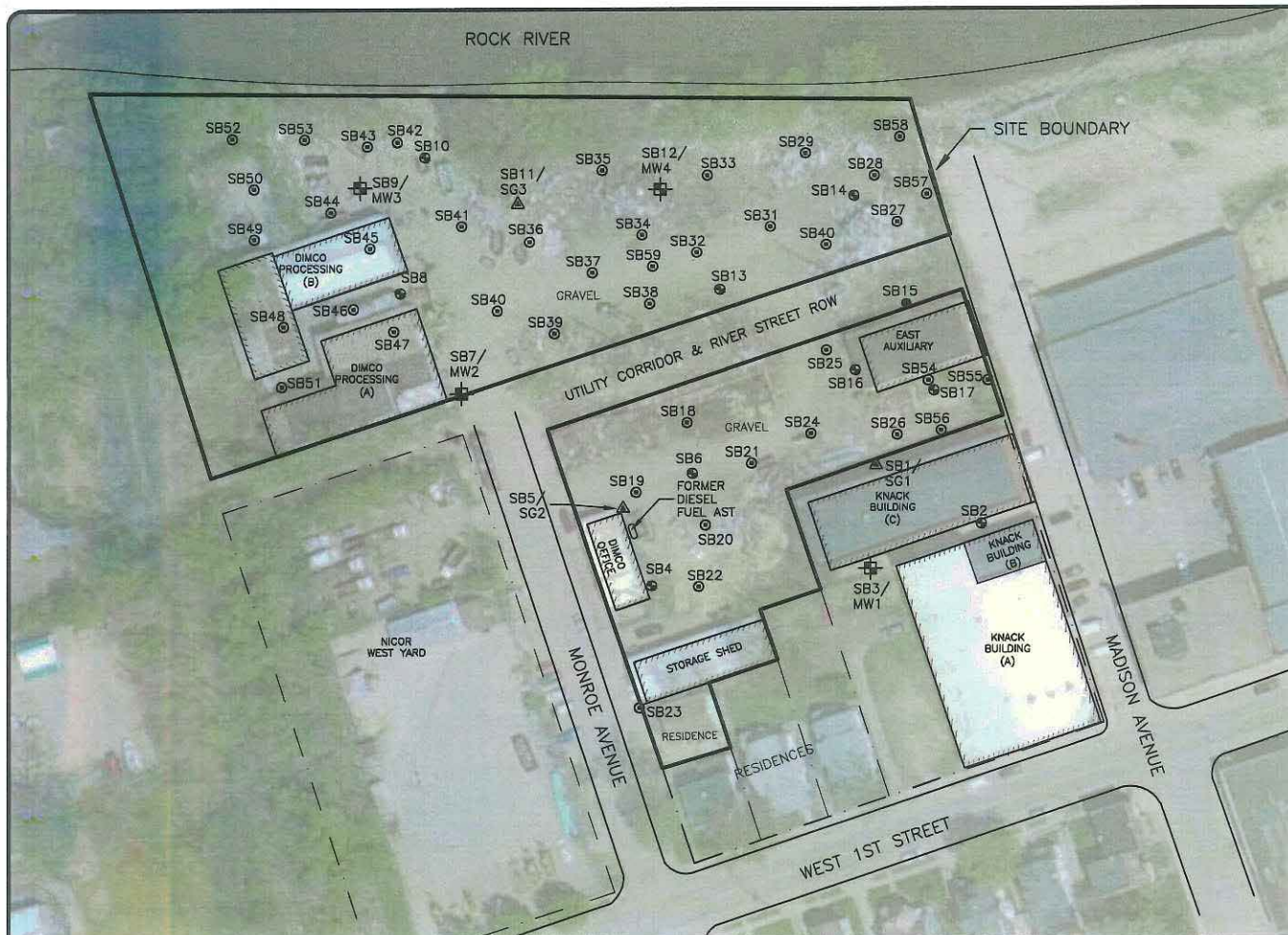
bcc: Division File
Sam Borries, U.S. EPA
Jay Timm, OCR
Dean Studer, OCR

Site Aerial Map



0 0.0225 0.045 0.09 0.135 0.18
Miles

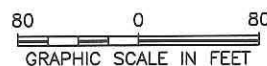




LEGEND

- PREVIOUS SOIL BORINGS/SAMPLES (2017)
- PREVIOUS MONITORING WELLS (2017)
- PREVIOUS SOIL BORING/SOIL GAS (2017)
- SOIL BORINGS/SAMPLES (2018)
- APPROXIMATE PROPERTY BOUNDARIES
- SOIL BORING (SB15) NOT INSTALLED DUE TO UTILITIES
- PROPERTY BUILDINGS

DRAFT



FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

DIMCO
78 & 76 MONROE AVE.
DIXON, IL 61021

DRWN: MKH DATE: 09/19/17 APPD: RG

TITLE:

SOIL BORING /
SAMPLE LOCATIONS

JOB NO.: 18-552

PLOT DATE: 9/6/18

FIGURE:
2

DIMCO
78 86 Monroe Avenue
Dixon, IL 61021
PCB Exceedances

DRAFT

Sample location	Depth (ft bgs)	Chemical	Result (mg/kg)
SB5	2.6-3.6	PCBs	121
	12.5-13.5	PCBs	3.00
SB6	2-3	PCBs	210
	15-16	PCBs	34
SB8	1-2	PCBs	69
SB9	0-1	PCBs	2.45
	11-12	PCBs	14.20
SB10	0-1	PCBs	310
	11-12	PCBs	2.60
SB11	1-2	PCBs	28
SB12	0-1	PCBs	5.30
SB13	1-2	PCBs	1.58
SB14	0-1	PCBs	10.30
SB16	1-2	PCBs	90
SB17	0-1	PCBs	189
SB18	14-15	PCBs	10.4
	16-17	PCBs	8.44
SB19	2-3	PCBs	600
	4-5	PCBs	209
	6-7	PCBs	9.56
	10-11	PCBs	72.7
SB21	4-5	PCBs	7310
	10-11	PCBs	385
	12-13	PCBs	73.4
	16-17	PCBs	37
SB26	0-1	PCBs	1.72
SB27	0-1	PCBs	15.7
	4-5	PCBs	4.91
SB28	0-1	PCBs	15.44

DIMCO
78 86 Monroe Avenue
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PCB Exceedances

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Sample location	Depth bgs) (ft	Chemical	Result (mg/kg)
SB29	0-1	PCBs	3.98
	4-5	PCBs	1.84
SB31	0-1	PCBs	2.58
	4-5	PCBs	3.48
SB32	0-1	PCBs	2.11
SB33	0-1	PCBs	8.38
SB35	2-3	PCBs	11.6
SB36	0-1	PCBs	1.61
	2-3	PCBs	6.67
SB38	0-1	PCBs	1.81
SB39	0-1	PCBs	1.38
SB42	0-1	PCBs	5.72
	4-5	PCBs	5.9
SB43	0-1	PCBs	49.2
SB44	0-1	PCBs	2.717
	2-3	PCBs	11.5
	4-5	PCBs	1.749
SB45	2-3	PCBs	23.2
	8-9	PCBs	2.76
	14-15	PCBs	8.11
	18-19	PCBs	16.6
SB46	0-1	PCBs	48.5
SB47	0-1	PCBs	15.2
SB48	0-1	PCBs	1.63
	2-3	PCBs	11.7
	8-9	PCBs	5.173
	12-13	PCBs	4.15
	14-15	PCBs	4.32
	16-17	PCBs	11.4

DIMCO
78 86 Monroe Avenue
Dixon, IL 61021
PCB Exceedances

DRAFT

Sample location	Depth (ft bgs)	Chemical	Result (mg/kg)
SB49	2-3	PCBs	1.52
	4-5	PCBs	7.01
SB50	8-9	PCBs	5.58
	12-13	PCBs	2.49
	14-15	PCBs	1.14
	18-19	PCBs	1.01
SB52	2-3	PCBs	3.17
SB53	0-1	PCBs	1.32
	2-3	PCBs	4.62
	6-7	PCBs	1.502
	10-11	PCBs	75.1
SB56	0-1	PCBs	14.2
SB57	0-1	PCBs	27
	2-3	PCBs	8.21
SB58	0-1	PCBs	5.62



Indicates PCB concentration > 50 ppm

Indicates PCB concentration 10 ppm to 49.9 ppm

Indicates PCB concentration is between < 10 ppm